



## IMC SALT INC.

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Overland Park, Kansas 66210  
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# ICE-A-WAY

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT INFORMATION

PRODUCT NAME:	Sodium Chloride
SHIPPING NAME:	Not regulated
CHEMICAL NAME & SYNONYMS:	Sodium Chloride (NaCl), Salt, Sea Salt, Saline, Halite, Rock Salt
MANUFACTURER NAME & ADDRESS:	IMC Salt Inc. 8300 College Blvd., Overland Park, Kansas 66210
PREPARED BY:	Dell Tech Laboratories Ltd. 100 Collip Circle, London, Ontario N6G 4X8 (519) 858-5021
PREPARATION DATE:	January 31, 1999
CONTACT:	CHEMTREC (800) 424-9300

### SECTION II - COMPOSITION

Chemical Identity	CAS#	% by Weight	ACGIH (TLV-TWA)	LD <sub>50</sub> (mg/kg)
Sodium Chloride	7647-14-5	90-100	10 mg/m <sup>3</sup>	3000 (oral, rat)

### SECTION III - HAZARDOUS INGREDIENTS

Sodium chloride is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
FDA GRAS LIST; Permitted in Food
Does not contain toxic chemicals subject to SARA TITLE III SECTION 313 reporting
DOT HAZARD - Non Hazardous

### SECTION IV - PHYSICAL DATA

MELTING POINT:	801 deg C
BOILING POINT:	1413 deg C
VAPOR PRESSURE:	1 mm @ 865 deg C
% NON-VOLATILES (VOL.):	100
SOLUBILITY (H <sub>2</sub> O):	36 g/100 g H <sub>2</sub> O @ 20 deg C
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	2.16
EVAPORATION RATE (ETHER=1):	Not applicable
VAPOR DENSITY (AIR=1):	Not applicable
ODOR:	None
APPEARANCE:	White crystalline solid

### SECTION V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Non-combustible
FIRE & EXPLOSION HAZARDS:	None to 801 deg C.
FIRE FIGHTING EQUIPMENT:	Wear positive pressure, self-contained breathing apparatus.

### SECTION VI - REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY: Lithium, bromine, trifluoride, strong acids & strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: When heated to temperatures above 801 deg C, may emit toxic fumes of chlorine and sodium oxides.  
HAZARDOUS POLYMERIZATION: Will not occur.

### SECTION VII - HEALTH HAZARD DATA

EYE: May cause mild to moderate temporary irritation.  
SKIN: Contact with abraded skin may cause a mild irritation or rash.  
INHALATION: Dust may cause nose, throat and respiratory tract irritation.  
INGESTION: Less than a few grams would not be harmful but large doses may cause vomiting.  
CARCINOGENICITY: Not hazardous.  
REPRODUCTIVE TOXICITY/TERATOGENICITY: No data available.

### SECTION VIII - FIRST AID

EYES: Flush with water for 15 minutes. If irritation persists, call a physician.  
SKIN: Wash with soap and water. Call a physician if irritation develops.  
INHALATION: Not a normal route of entry.  
INGESTION: Ingesting large volumes may cause vomiting. Rinse mouth with water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a physician.

### SECTION IX - PREVENTATIVE MEASURES

VENTILATION: If desired due to dust.  
RESPIRATORY PROTECTION: Dust mask not needed but may be used for comfort.  
SKIN PROTECTION: Work gloves desirable but not required.  
EYE PROTECTION: Safety glasses.  
SPILL OR LEAK: Use broom or dry vacuum to collect material for proper disposal. Rinse area with water.  
WASTE DISPOSAL: Review federal, state, provincial and local governmental requirements prior to disposal.  
Keep out of drinking water sources.  
STORAGE: Store in a dry area. Keep container tightly closed. Do not get in eyes, on skin or clothing. Keep away from incompatible materials.

	HMIS	NFPA
		A
Health	0	0
Flammability	0	0
Reactivity	0	0
PPE	A	

HMIS		NFPA
Severe	4	Extreme
Serious	3	High
Moderate	2	Moderate
Slight	1	Slight
Minimal	0	Insignificant
	A	Safety glasses

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. This information herein is given in good faith, but no warranty of any kind is expressed or implied. Consult North American Salt for further information. This MSDS meets the requirements specified in 29CFR 1910.1200. Customers are responsible for compliance with local, state and federal regulations that may be pertinent in the storage, application and disposal of this product.